



**DEPARTMENT OF FORESTRY AND FIRE PROTECTION
OFFICE OF THE STATE FIRE MARSHAL**

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Date: May 18, 2017

To: State Board of Fire Services

From: Andrew Henning, Acting Chief, State Fire Training

SUBJECT/AGENDA ACTION ITEM:

AH-330 Strike Team/Task Force Leader All Hazards Curriculum

Recommended Actions:

Informational only

Background Information:

AH-330 Strike Team/Task Force Leader All Hazards is updated curriculum that was developed by FIRESCOPE to replace the existing AR-330 Strike Team/Task Force Leader All Risk (2002) and S-330 Strike Team/Task Force Leader (2005). The existing curriculum was outdated and needed to be updated to reflect the All Hazards concept as well as operational changes that have occurred over the last fifteen years.

FIRESCOPE developed a Student Manual, Instructor Guide, and PowerPoint and it was anticipated to be approved by the FIRESCOPE Board of Directors on July 12, 2017. FIRESCOPE and SFT would like to start the SFT approval process, to expedite the new curriculum roll out. Pending approval from FIRESCOPE Board of Director's, SFT will bring the AH-330 back in August for a motion by SBFS.

SFT requested that the FIRESCOPE Working Group provide a Course Information and Required Materials Manual (CIRM), Course Plan, and Implementation Plan to match SFT's current documentation requirements for new and revised courses. Due to the complexity of this course and FIRESCOPE historically creating standard curriculum, FIRESCOPE wants to maintain the Student Manual, Instructor Guide, and PowerPoint and have it housed on the SFT's website. These documents will be available to download by students and instructors.

The Student Manual, Instructor Guide, and PowerPoint are in draft format. The documents are currently going through technical editing and formatting, but content will not be changing. FIRESCOPE has requested to move the curriculum forward concurrently during

technical editing to expedite the course approval. The final document will be available at the July STEAC meeting.

Analysis/Summary of Issue:

The AH-330 Strike Team/Task Force Leader All Hazards course covers the skills and knowledge necessary for managing a Strike Team/Task force on a variety of All Hazards incidents; identifies and defines Strike Team/Task Force configurations of various resources; describe how to implement Strike Team/Task Force Leader responsibilities prior to and during mobilization and demobilization; describes how to implement Strike Team/Task Force Leader responsibilities during incident activities; identifies the hazards and risks throughout the Strike Team/Task Force deployment and describes how to mitigate them; describes how to recognize, plan for and describe appropriate tactics in various All Hazards incident situations with various resources organized into Strike Teams or Task Forces through case studies.

Hours break down for the program are as follows:

Lecture hours:	23:30 hours
Skills/Activities:	6:00 hours
Testing:	2:30 hours
Total Hours:	32:00 hours



AH-330, Strike Team/ Task Force Leader All Hazards (STEN/TFLD)

Course Plan



Course Details

Description: This course is designed to provide the skills and knowledge needed to perform in the position of Strike Team/Task Force Leader. Topics include position overview; pre-deployment responsibilities; concept of the position; resource typing standards; pre-dispatch preparation; incident responsibilities; administration; supervision; response; assignment; demobilization; tactics and safety; risk management; entrapment avoidance; WUI; case studies; scenarios; appropriate action vs freelancing.

Designed For: Strike Team/Task Force Leader, All Hazards (STEN/TFLD)

Authority: None

Prerequisites: 1. ICS-200.B: Incident Command System For Single Resources and Initial Action Incidents; and
2. CICCIS qualified Engine Boss, Heavy Equipment Boss or Crew Boss

Standard: Complete all activities and formative tests.
Complete all summative tests with a minimum score of 80%.

Hours: Lecture: 21:20
Activities: 9:10
Testing: 1:30

Hours (Total): 32:00

Maximum Class Size: 20

Instructor Level: SFT approved instructor and qualified Division Supervisor (DIVS)

Instructor/Student Ratio: 1:20

Restrictions: None

SFT Designation: FSTEP

Required Resources

Instructor Resources

To teach this course, instructors need:

- FIREScope AH-330 Strike Team/Task Force Leader Instructor Manual
 - <http://osfm.fire.ca.gov/training/SFTCurriculum>
- FIREScope AH-330 PowerPoint Presentation
 - <http://osfm.fire.ca.gov/training/SFTCurriculum>
- FIREScope ICS-420-1, Field Operations Guide (current edition)
 - <http://firescope.org/>
- NWCG PMS 461 Incident Response Pocket Guide (current edition)
 - <https://www.nwcg.gov/>

Student Resources

To participate in this course, students need (if assigned by instructors):

- FIREScope AH-330 Strike Team/Task Force Leader Student Manual
 - <http://osfm.fire.ca.gov/training/SFTCurriculum>
- FIREScope ICS-420-1, Field Operations Guide (current edition)
 - <http://firescope.org/>
- NWCG PMS 461 Incident Response Pocket Guide (current edition)
 - <https://www.nwcg.gov/>

Facilities, Equipment, and Personnel

The following facilities, equipment, or personnel are required to deliver this course:

Facilities

- Standard classroom set up for up to 30 students
 - Projector for audio/visual presentations
 - Internet access
-

Unit 1: Introduction

Topic 1-1: Orientation and Administration

Terminal Learning Objective

At the end of this topic, a student will be able to describe the instructor's experience, the expectations of this course, the use of job aids and the Position Task Book as well as the CICC requirements for this position.

Enabling Learning Objectives

1. Introduce the overall course objectives
2. Introduce instructors
3. Introduce students
4. Complete the student profile sheet
5. Complete student expectations
6. Show how to navigate the electronic student manual

Discussion Questions

1. Refer to instructors manual

Activities

1. There are no activities in Topic 1-1

Instructor Note

1. Instructor will use the written curriculum for this topic

Unit 2: Pre-deployment Responsibilities

Topic 2-1: Concept of a Strike Team/Task Force Leader

Terminal Learning Objective

At the end of this topic, a student will be able to describe the basic responsibilities of the ST/TFL, understand the differences between a Strike Team and a Task Force and how they are used to maximize the use of resources, reduce span-of-control and simplify communications.

Enabling Learning Objectives

1. Define a Strike Team
2. Define a Task Force
3. Describe the basic responsibilities of a ST/TFL
4. Describe the ST/TFL concept and where the leader fits into the Incident Command System
5. Differentiate between the types of Strike Teams

Discussion Questions

1. Refer to instructors manual

Activities

1. There are no activities in topic 2-1

Instructor Note

1. Instructor will use the written curriculum for this topic
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Topic 2-2: Resource Typing Standards

Terminal Learning Objective

At the end of this topic, a student will be able to identify the typing of resources with minimum staffing. Know the qualification requirements for ST/TF personnel and how ST/TF are formed and designated.

Enabling Learning Objectives

1. Know the typing of Engine, Crew and Dozer Strike Teams
2. Know minimum personnel staffing
3. Identify qualifications/requirements for ST/TF personnel
4. Know how Strike Teams are formed and designated

Discussion Questions

1. Refer to instructors manual

Activities

1. There are no activities in topic 2-2

Instructor Notes

1. Instructor will use the written curriculum for this topic

Topic 2-3: Pre-Dispatch Preparation

Terminal Learning Objective

At the end of this topic, a student will be able to identify what the ST/TFL must do to prepare for the position before an incident occurs. How to build your "kit" and what tools you will need to assemble, brief and coordinate your resources while traveling to, during and returning from an incident. Identify the safety, coordination and needs of all personnel and equipment on your ST/TF.

Enabling Learning Objectives

1. Know what to include in your ST/TFL kit
2. Know what items to carry in your personal kit
3. Ensure that resources are ready with adequate supplies for self-sufficiency out of their area
4. Initiate and/or participate in readiness exercises designed to evaluate your mobilization capabilities

Discussion Questions

1. Refer to instructors manual

Activities

1. There are no activities in topic

Instructor Notes

1. Instructor will use the written curriculum for this topic
-

Unit 3: Incident Responsibilities

Topic 3-1: Administration

Terminal Learning Objective

At the end of this topic, a student will be able to understand the administrative duties as a ST/TFL, including personnel, significant events and equipment issues. Identify a basic understanding of agreements you may be operating under and the duties involved with coordination, notification and documentation.

Enabling Learning Objectives

1. Have a working knowledge of a ST/TFL's administrative responsibilities regarding personnel issues
2. Understand the scope of a ST/TFL's responsibility if a significant event such as a burn-over, injury or fatality should occur involving the ST/TF
3. Know a ST/TFL's administrative function regarding equipment and property issues
4. Be familiar with the types of agreements a ST/TFL may be operating under on any given incident

Discussion Questions

1. Refer to instructors manual

Activities

1. There are no activities in this topic 3-1

Instructor Notes

1. Instructor will use the written curriculum for this topic

Topic 3-2: Supervision

Terminal Learning Objective

At the end of this topic, a student will be able to demonstrate how to manage and lead the resources of a ST/TF to the extent of completing your operational goals and the elements of management and supervision in order to keep your personnel on track.

Enabling Learning Objectives

1. Develop an understanding of leadership principles
2. Develop an understanding of performance based accountability
3. Be familiar with the Operational Leadership Guide as it relates to emergency response situations
4. Develop an understanding of the three primary leadership styles, when each style is appropriate and which style you tend to exhibit most often

Discussion Questions

1. Refer to instructors manual

Activities

1. There are no activities in topic 3-2

Instructor Notes

1. Instructor will use the written curriculum for this topic
-

Topic 3-3: Strike Team/Task Force Response

Terminal Learning Objective

At the end of this topic, a student will be able to demonstrate the proper steps to assemble and brief the ST/TF on the assignment including the operational procedures, expectations and information on the equipment and personnel assigned, safe travel routes and checking in.

Enabling Learning Objectives

1. Understand the information gathering process and the sources of needed information
2. Understand the ST/TFL's rendezvous responsibilities for both pre-arrival and at scene form-up
3. Understand and relay safe and appropriate travel procedures
4. Identify and address enroute logistical needs and issues
5. Understand where to check in at an incident and the check in process

Discussion Questions

1. Refer to instructors manual

Activities

1. There is one (1) activity in topic 3-3

Instructor Notes

1. Instructor will use the written curriculum for this topic

Topic 3-4: Assignment/Status

Terminal Learning Objective

At the end of this topic, a student will be able to demonstrate knowledge of various aspects of Strike Team/Task Force assignments and availability status while assigned to an incident

Enabling Learning Objectives

1. Describe the primary responsibilities of the ST/TFL while on available status
2. Describe the ST/TFL responsibilities while on assigned status
3. Describe the ST/TFL responsibilities while on out-of-service status

Discussion Questions

1. Refer to instructors manual

Activities

1. There are three (3) activities in topic 3-4

Instructor Notes

1. Instructor will use the written curriculum for this topic
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Topic 3-5: Demobilization

Terminal Learning Objective

At the end of this topic, a student will be able to demonstrate the proper steps to ensure a safe and orderly demobilization of resources on a ST/TF.

Enabling Learning Objectives

1. Describe the process to ensure that assigned resources are ready for demobilization
2. List the administrative duties which must be completed prior to demobilization
3. Describe how the demobilization process applies to a ST/TF as opposed to a single resource leader

Discussion Questions

1. Refer to instructors manual

Activities

1. There are no activities in topic 3-5

Instructor Notes

1. Instructor will use the written curriculum for this topic

Topic 3-6: An Operational Period as a ST/TFL

Terminal Learning Objective

At the end of this topic, a student will be able to recognize what a snapshot in the “day in the life of a ST/TF leader” looks like.

Enabling Learning Objectives

1. Describe the ST/TFL’s role in initial response
2. Describe the ST/TFL role in an ongoing incident including a formal operational period briefing and utilization of an IAP
3. Describe the process of briefing assigned resources
4. Describe the debriefing process and with whom at the end of an operational period
5. Describe some indicators at an incident that the ST/TFL may need to recognize

Discussion Questions

1. Refer to instructors manual

Activities

1. There are no activities in topic 3-6

Instructor Notes

1. Instructor will use the written curriculum for this topic

Unit 4: Tactics and Safety

Topic 4-1: Risk Management

Terminal Learning Objective

At the end of this topic, a student will understand the elements of the risk management process including how to properly refuse risk.

Enabling Learning Objectives

1. Understand the concept of Risk Management and the Risk Management Process
2. Understand risk assessment and its applications
3. Understand the concepts of risk control
4. Know how to properly refuse risk

Discussion Questions

1. Refer to instructors manual

Activities

1. There are two (2) activities in topic 4-1

Instructor Notes

1. Instructor will use the written curriculum for this topic

Topic 4-2: Entrapment Avoidance

Terminal Learning Objective

At the end of this topic, a student will be able to confirm knowledge of entrapment avoidance.

Enabling Learning Objectives

1. Describe the role that LCES has in the Risk Management Process
2. Describe a protocol for negotiating an unsafe assignment
3. Define trigger point and levels of engagement
4. Given a set of fireline conditions, identify valid trigger points
5. Describe a procedure for recognizing escape routes and safety zones when engaging a fire
6. Given a set of fireline conditions, estimate minimum safety zone size
7. Identify human factors that contribute to fireline decision errors
8. Given a fire scenario, determine the appropriate level of engagement as conditions change

Discussion Questions

1. Refer to instructors manual

Activities

1. There is one (1) activity in topic 4-3

Instructor Notes

1. Instructor will use the written curriculum for this topic

Topic 4-3: Tactical Considerations – Wildland/Urban Interface

Terminal Learning Objective

At the end of this topic, a student will be able to develop an understanding of wildland and urban interface tactical considerations, new terminology and WUI placarding.

Enabling Learning Objectives

1. Understanding leaders intent
2. Understand the concept of wildland perimeter control and the wildland structure environment
3. Understand the importance of orienting yourself to the area, situation and fire behavior forecasting
4. Know structure protection size up, triage guidelines, protection guidelines, protection strategies and protection tactics
5. Understand tactical maneuver and tactical actions
6. Know the tactical engagement process – PACE
7. Know the levels of engagement – DRAW-D
8. Know how to use the FIREScope WUI placarding system

Discussion Questions

1. Refer to instructors manual

Activities

1. There is one (1) activity in topic 4-4

Instructor Notes

1. Instructor will use the written curriculum for this topic

Topic 4-4: Case Studies

Terminal Learning Objective

At the end of this topic, a student will participate in a Q and A forum on four case studies as it relates to a ST/TFL.

Enabling Learning Objectives

1. Case Study #1: Cedar Fire Fatality
2. Case Study #2: Hwy 38 MCI
3. Case Study #3: San Bernardino Active Shooter Incident
4. Case Study #4: NAPA Earthquake

Discussion Questions

1. Refer to instructors manual

Activities

1. There are four (4) activities in topic 4-5

Instructor Notes

1. Instructor will use the written curriculum for this topic

Topic 4-5: Scenarios

Terminal Learning Objective

At the end of this topic, a student will participate in answering questions from approximately 21 actual scenarios to situations that a ST/TFL had to deal with.

Enabling Learning Objectives

1. Present the 21 scenarios that each slide shows
2. Solicit discussion from the class as to what their resolve is to the problem
3. Show the suggested outcomes

Discussion Questions

1. Refer to instructors manual

Activities

1. There is one (1) activity, all inclusive, in topic 4-6

Instructor Notes

1. Instructor will use the written curriculum for this topic

Topic 4-6: Appropriate Action vs Freelancing

Terminal Learning Objective

At the end of this topic, a student will understand the indications and contra-indications of taking appropriate action and the consequences of freelancing.

Enabling Learning Objectives

1. Understand situations that include appropriate action may be applicable
2. Understand the considerations when taking appropriate action
3. Understand the contraindications of taking appropriate action
4. Understand the consequences of freelancing

Discussion Questions

1. Refer to instructors manual

Activities

1. There are no activities in topic 4-6

Instructor Notes

1. Instructor will use the written curriculum for this topic

AH-330, Strike Team / Task Force Leader All Hazards (STEN/TFLD)

Time Table

Segment	Lecture Time	Activity Time	Total Unit Time
Unit 1: Introduction			
Topic 1-1: Course Introduction			
Lecture	1:30		
Unit 1 Totals	1:30	0:00	1:30
Unit 2: Pre-Deployment Responsibilities			
Topic 2-1: Concept of a ST/TFL			
Lecture	1:00		
Topic 2-2: Resource Typing Standards			
Lecture	1:00		
Topic 2-3: Pre-Dispatch Preparation			
Lecture	0:30		
Unit 2 Totals	2:30	0:00	4:00
Unit 3: Incident Responsibilities			
Topic 3-1: Administration			
Lecture	2:00		
Topic 3-2: Supervision			
Lecture	1:00		
Topic 3-3: Strike Team/Task Force Response			
Lecture	2:00		
Activity: ST Assembly Briefing		0:30	
Topic 3-4: Assignment/Status			
Lecture	0:40		
Activity: King IAP		0:30	
Activity: Division Breakout Video		0:30	
Activity: Assignment Briefing		0:20	
Topic 3-5: Demobilization			
Lecture	0:30		
Topic 3-6: An Operational Period as a ST/TFL			
Lecture	1:00		
Unit 3 Totals	7:10	1:50	13:00
Unit 4: Tactics and Safety			
Topic 4-1: Risk Management			
Lecture	1:00		
Activity: Risk Assessment		0:30	
Activity: Gavalin Incident		0:30	

AH-330, Strike Team / Task Force Leader All Hazards (STEN/TFLD)

Topic 4-2: Entrapment Avoidance			
Lecture	1:30		
Activity: High Meadows Case Study		0:30	
Topic 4-3: Tactical Considerations - WUI			
Lecture	1:40		
Activity: WUI Placard		0:20	
Topic 4-4: Tactical Considerations Case Studies			
Lecture	0:00		
Activity 4-4: To be determined		3:00	
Topic 4-5: Scenarios			
Lecture	0:10		
Activity: 21 slide scenarios		0:50	
Topic 4-6: Appropriate Action vs Freelancing			
Lecture	1:00		
Local/Agency Specific Issues			
Lecture	3:00		
Final Scenario Exercise			
Lecture	0:00		
Activity: Final Scenario		2:00	
Unit 4 Totals	8:20	7:20	28:40
Lecture, Activity, and Unit Totals:	21:20	9:10	32:00

Course Totals

Total Lecture Time (LT)	21:20
Total Activity Time (AT)	9:10
Total Testing Time (TT)	1:30
Total Course Time	32:00

Acknowledgments

State Fire Training gratefully acknowledges FIRESCOPE for their diligent efforts and contributions that made the development and publication of this document possible.



AH-330 Strike Team / Task Force Leader All Hazards



Course Details

- Description:** This course is designed to provide the skills and knowledge needed to perform in the role of Strike Team/Task Force Leader. Topics include Concept of the position; resource typing standards; pre-dispatch preparation; administration; supervision; response; assignment/status; demobilization; an operational period in the position; risk management; entrapment avoidance; case studies and appropriate action vs freelancing.
- Designed For:** Strike Team/Task Force Leader, All Hazards (STEN/TFLD)
- Prerequisites:**
1. ICS-200.B: Incident Command System For Single Resources and Initial Action Incidents
 2. CICCIS qualified Engine Boss, Heavy Equipment Boss or Crew Boss
- Standard:** Complete all activities and formative tests.
Complete all summative tests with a minimum score of 80%.
- Hours:** Lecture: 21:20
Activities: 9:10
Testing: 1:30
- Hours (Total):** 32:00
- Maximum Class Size:** 20
- Instructor Level:** Current State Fire Training registered instructor and qualified as a Division Supervisor.
- Instructor/Student Ratio:** 1:20
- Restrictions:** None
- SFT Designation:** FSTEP

Required Resources

Instructor Resources

To teach this course, instructors need:

- FIREScope AH-330 Strike Team/Task Force Leader Instructor Manual
 - <http://osfm.fire.ca.gov/training/SFTCurriculum>
- FIREScope AH-330 PowerPoint Presentation
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Student Resources

To participate in this course, students need (if assigned by instructors):

- FIREScope AH-330 Strike Team/Task Force Leader Student Manual
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Facilities, Equipment, and Personnel

The following facilities, equipment, or personnel are required to deliver this course:

Facilities

- Standard classroom set up for up to 30 students
- Projector for audio/visual presentations
- Internet access

Unit 1: Introduction

Topic 1-1: Orientation and Administration

Unit 2: Pre-deployment Responsibilities

Topic 2-1: Concept of a Strike Team/Task Force Leader

Topic 2-2: Resource Typing Standards

Topic 2-3: Pre-Dispatch Preparation

Unit 3: Incident Responsibilities

Topic 3-1: Administration

Topic 3-2: Supervision

Topic 3-3: Strike Team/Task Force Response

Topic 3-4: Assignment/Status

Topic 3-5: Demobilization

Topic 3-6: An Operational Period as a ST/TFL

Unit 4: Tactics and Safety

Topic 4-1: Risk Management

Topic 4-2: Entrapment Avoidance

Topic 4-3: Tactical Considerations – Wildland/Urban Interface

Topic 4-4: Case Studies

Topic 4-5: Scenarios

Topic 4-6: Appropriate Action vs Freelancing



California State Fire Training

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Strike Team/Task Force Leader Certification Implementation of New Curriculum

This document is intended to provide information for all State Fire Training (SFT) stakeholders on changes to the Vehicle Extrication course. Stakeholders are encouraged to study this information carefully and seek clarification from SFT if questions arise.

AH-330 Strike Team/Task Force Leader – All Hazards (32 Hours)

COURSE AVAILABLE **September 01, 2017**

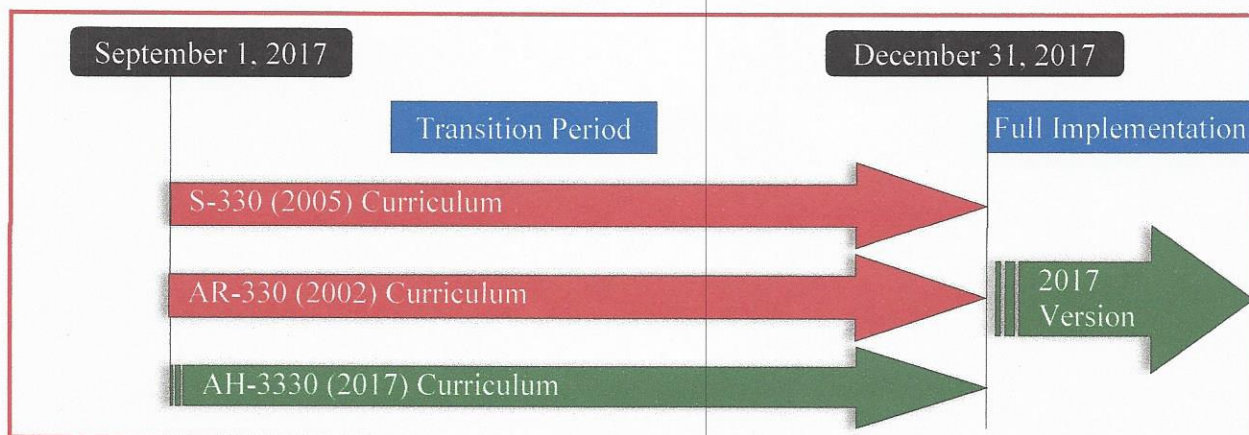
AH-330 Strike Team/Task Force Leader – All Hazards (2017) curriculum was developed by FIREScope and will be available September 01, 2017.

COURSE PHASE OUT **December 31, 2017**

AR-330 Strike Team/Task Force Leader All Risk (2002) and **S-330 Strike Team/Task Force Leader (2005)** curriculum will continue to be available until December 31, 2017 before it officially retires.

Strike Team/Task Force Leader Course Time Line

TRANSITION PERIOD **Effective September 01, 2017 – December 31, 2017**



INSTRUCTOR REQUIREMENTS **Effective September 1, 2017**

AH-330 Strike Team/Task Force Leader – All Hazards (2017) - Current registered instructors of AR-330 Strike Team/Task Force Leader All Risk and S-330 Strike Team/Task Force Leader are authorized to instruct the new curriculum. New instructors will be required to either take the course or apply for a PACE II review of their instructor qualifications, including appropriate education and practical experience relating to course content. Instructors must also be qualified as a Division/Group Supervisor.



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POTENTIAL AGENCY IMPACTS

Fire agencies utilizing the existing AR-330 Strike Team/Task Force Leader All-Risk or S-330 Strike Team/Task Force Leader during the transition period will not receive the new WUI terminology adopted by FIREScope or the WUI Placard information. The new curriculum covers All Hazards through four case studies involving a wildland fire fatality, a Mass Casualty Incident, an Earthquake and an Active Shooter Incident. The issue of agreements and the fact that they change throughout the life of curriculum was resolved by adding a two (2) hour time slot where Cal OES can present their annual ST/TFL update to a class.

Certification for the AH-330 Strike Team/Task Force Leader will only be done through State Fire Training. The use of FIREScope certificates will be discontinued effective December 31, 2017. FIREScope certificates will not be issued for the AH-330 Strike Team/Task Force Leader.